

# SOUTHERN NEVADA STEM STRATEGIC DIRECTION

## Action Steps

Develop resources and trainings for stakeholders around equity-based program design

Identify and scale up programs that have a track record of increasing participation in underserved groups

Develop and share strategies and tools for increasing awareness of STEM education and careers, and teach stakeholders how to use them

Expand the State's *STEM School Framework* to include attributes of high-quality STEM programs (both formal and informal) and encourage its use by STEM educational programs residing within and outside of schools.

Create and expand the reach of high-quality STEM professional development for educators and STEM industry partners.

Encourage expansion of existing high quality STEM educational programs and support creation of new STEM educational programming by STEM stakeholders to all constituents in the region.

STEM Stakeholders convene throughout the year to revisit the region's vision and assess progress to achieving it.

## Intermediate Outcomes

STEM stakeholders employ evidence-based strategies that lead to increased participation in high-quality STEM programs from all groups, with a particular focus on students that are traditionally underserved

All Nevadans, especially families, students, and job seekers are aware of the benefits of STEM education and opportunities for STEM careers

High quality STEM education programs with knowledgeable educators and engaged business partners exist in all counties, cities, and districts.

STEM stakeholders agree on a common vision for STEM in the region and collaborate to achieve and promote it

Students\* from all backgrounds enroll in and complete high-quality STEM programs

Graduates possess technical knowledge, skills and abilities required by STEM employers in Nevada now and in the future.

Graduates possess critical thinking, collaboration, creativity, communication, and other skills needed for career success in any STEM industry sector.

## Ultimate Outcome

Southern Nevada has an educated, skilled, and diverse STEM workforce that meets the needs of STEM employers in the region.

\*Students = Individuals who are continually learning. ie: continuing education, workforce development, career transition. K-12, higher education

